



# DEPARTMENT OF CONSERVATION

## CALIFORNIA GEOLOGICAL SURVEY

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Date: June 11, 2015

Subject: Soquel Creek Large Woody Debris and Habitat Complexity Project,  
2014 Annual Physical Monitoring Report

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County: Santa Cruz

Description: T10S, R1E, Section 7 - MDB&M.

Quadrangles: Laurel (1994) United States Geological Survey 7.5  
minute Quadrangle Series (Topographic):

References: See Appendix A

### Introduction

At the request of the California Department of Forestry and Fire Protection (CAL FIRE), staff of the California Geological Survey (CGS) provided on-site technical support and direction for a large woody debris and habitat complexity project which involved the installation of ten, large wood (LW) elements in four project reaches in the East Branch of Soquel Creek, within the Soquel Demonstration State Forest (SDSF). This memorandum presents the 2014 annual physical monitoring record for those elements, which include the four reaches referred to as Sites 1, 2, 4, and 5 (Figure 1). Site 1 was completed in September of 2012 and Sites 2, 4, and 5 were constructed in August and September of 2013. Originally, seven potential sites were identified and after a detailed field survey in 2011, Sites 1, 2, 4, and 5 were ultimately selected for implementation.